



EXISTING TREES LEGEND

- 6"-12" CONIFEROUS TREE
- 6"-12" DECIDUOUS TREE
- 12"-18" CONIFEROUS TREE
- 12"-18" DECIDUOUS TREE
- 18"-32" CONIFEROUS TREE
- 18"-32" DECIDUOUS TREE
- 32" OR GREATER CONIFEROUS TREE
- 32" OR GREATER DECIDUOUS TREE

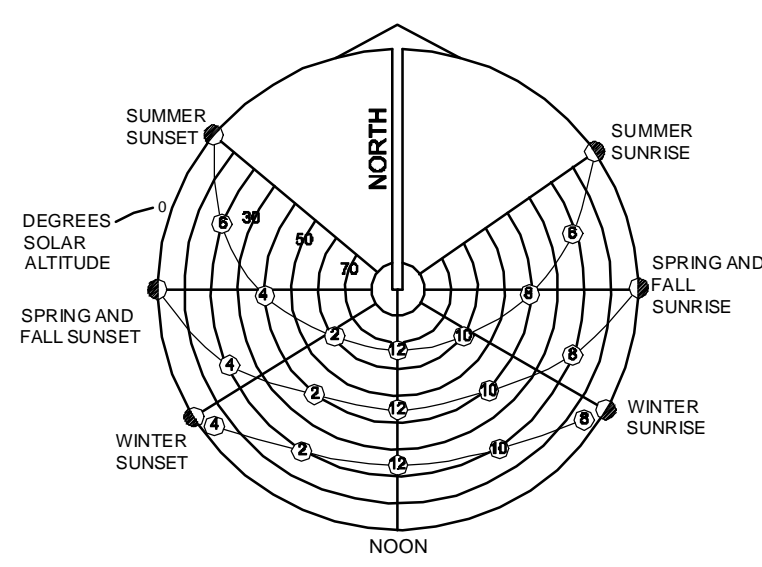
SOIL LOG:

TEST PIT No. TP-1 WAS PERFORMED BY APRIL C. FERRARO FOR MERIDIAN ASSOCIATES, INC. ON DECEMBER 29, 2009

TEST PIT No. TP-1  
ELEV. 201.24  
GW ELEV. 194.74



SOLAR DIAGRAM



SOIL DESCRIPTION

BASED ON THE NATURAL RESOURCE CONSERVATION SERVICE ONLINE SOIL SURVEY, SOILS AT THE SITE CONSIST OF:

- 73B WHITMAN FINE SANDY LOAM: 0 TO 5 PERCENT SLOPES - EXTREMELY STONY; WATER IS VERY POORLY DRAINED. THE AVAILABLE WATER CAPACITY IS VERY LOW.
- 302D MONTAUK FINE SANDY LOAM: 8 TO 15 PERCENT SLOPES - EXTREMELY STONY; WATER IS WELL DRAINED AND THE AVAILABLE WATER CAPACITY IS LOW.
- 420C CANTON FINE SANDY LOAM: 8 TO 15 PERCENT SLOPES; WATER IS WELL DRAINED AND THE AVAILABLE WATER CAPACITY IS EXTREMELY LOW.
- 629C CANTON-CHARLTON-URBAN LAND COMPLEX: 3 TO 15 PERCENT SLOPES; WATER IS WELL DRAINED AND AVAILABLE WATER CAPACITY IS LOW.
- 622C PAXTON-URBAN LAND COMPLEX: 3 TO 15 PERCENT SLOPES; WATER IS WELL DRAINED AND AVAILABLE WATER CAPACITY IS LOW.

LEGEND

- PROPERTY LINE
- EXISTING 2' CONTOUR
- WETLAND BOUNDARY
- 100' WETLAND SETBACK LINE
- VEHICULAR ACCESS POINT
- TEST PIT LOCATION
- SLOPES 15%-25%
- SLOPES 25%-40%
- DIRECTION OF OVERLAND WATER FLOW
- EX. STRUCTURES
- SOIL TYPE DIVIDE

NOTES

- LIMITED SITE DETAIL AND LIMITED SURFACE IMPROVEMENTS DEPICTED HEREON WERE OBTAINED FROM AN INSTRUMENT SURVEY CONDUCTED ON THE GROUND BY MERIDIAN ASSOCIATES, INC. BETWEEN DECEMBER 3-13, 1993 AND AGAIN BETWEEN JANUARY 5-7, 2010. THIS PLAN MAY NOT REFLECT ALL CURRENT SITE DETAIL. NO UNDERGROUND OR SURFACE UTILITIES ARE SHOWN HEREON.
- THE SUBJECT PROPERTIES ARE DEPICTED AS LOTS 1A, 1B, 1C, 1D, 2 AND 3A ON TOWN OF LEXINGTON ASSESSOR'S MAP 53.
- BASED ON FIELD INVESTIGATION BY WARNER LARSON, INC., THERE WERE NO SURFACE BEDROCK OUTCROPPINGS LOCATED ON THE SITE.
- EXISTING TREES DEPICTED HEREON WERE FIELD LOCATED BY MERIDIAN ASSOCIATES, INC. IN JANUARY 11, 2010.
- THERE IS NO SIGNIFICANT NOISE IMPACTING THE SITE.

THE MANOR HOUSE  
AT COUNTRYSIDE  
PRELIMINARY SITE  
DEVELOPMENT USE PLAN SET

SITE ANALYSIS MAP  
LOCATED IN  
LEXINGTON, MASSACHUSETTS  
(MIDDLESEX COUNTY)

PREPARED FOR  
BRIAN P. KELLEY  
SCALE: 1" = 40' DATE: JANUARY 12, 2010

 **MERIDIAN ASSOCIATES**  
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WWW.MERIDIANASSOC.COM

SHEET No. 2 OF 10 PROJECT No. 2228

DWG. No. 2228ANALYSIS\_ZONECHANGE  
(IMAGE: COUNTRYMANOR.TIF)

REVISIONS				
NO.	DATE	DESCRIPTION	BY	CHK'D
1	2/18/10	COMMENTS FROM PB	PSP	BWT